

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gary A. Lebens

Serial No.: 09/612,763

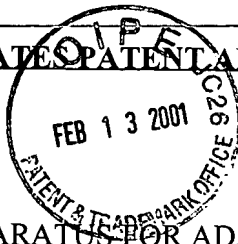
Filed: July 10, 2000

Title: METHOD AND APPARATUS FOR ADJUSTING ILLUMINATION ANGLE

Examiner:

Group Art Unit: 2721

Docket: 139.060US1

#2  
2-17-01

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## INFORMATION DISCLOSURE STATEMENT

FEB 16 2001

Technology Center 2600

Assistant Commissioner for Patents  
Washington, D.C. 20231

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant further request that a copy of the 1449 form, initialled by the Examiner to indicate that all listed citations have been considered, be returned with the next official communication.

Under 37 C.F.R. § 1.97(b)(3), it is believed that no fee or certificate is required with this Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Account No. 19-0743.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

GARY A. LEBENS

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6949

Date

7 February 2001

By

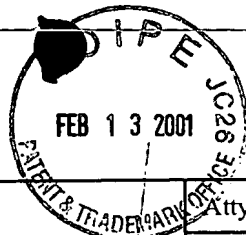
Charles A. Lemaire  
Reg. No. 36,198

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on this 8 day of February, 2001.

Name

Gina Uphus

Signature



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Sheet 1 of 3

Form 1449\*

Atty. Docket No.: 139.060US1

Serial No. 09/612,763

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)

Applicant: Gary A. Lebens

Filing Date: July 10, 2000

Group: 2721

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,208,579	06/17/1980	Scrivo, L., et al.	250	227	12/22/78
	4,212,073	07/08/1980	Balasubramanian, N.	364	562	12/13/78
	4,290,095	09/15/1981	Schmidt, R.C.	362	191	08/27/79
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	4,592,147	06/03/1986	Herman, R.D.	33	366	09/27/84
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	4,641,972	02/10/1987	Halioua, M., et al.	356	376	09/14/84
	4,820,229	04/11/1989	Spraggins, G.L.	446	26	02/17/87
	4,831,504	05/16/1989	Nishizawa, J., et al.	362	100	11/13/86
	4,882,498	11/21/1989	Cochran, D.W., et al.	250	571	04/07/89
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Examiner

Date Considered

\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 3

Form 1449\*

Atty. Docket No.: 139.060US1

Serial No. 09/612,763

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant: Gary A. Lebens

Filing Date: July 10, 2000

Group: 2721

## U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
						If Appropriate
	5,561,525	10/01/1996	Toyonaga, S., et al.	356	360	12/20/95
	5,636,025	06/03/1997	Bieman, L.H., et al.	356	374	06/17/94
	5,646,733	07/08/1997	Bieman, L.H.	356	376	01/29/96
	5,680,215	10/21/1997	Huber, E.D., et al.	356	371	02/27/95
	5,745,176	04/28/1998	Lebens, G.A.	348	370	10/12/95
	5,825,495	10/20/1998	Huber, E.D.	356	371	01/09/97
	5,828,449	10/27/1998	King, S.J., et al.	356	237	07/25/97
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	5,890,794	04/06/1999	Abtahi, H., et al.	362	294	04/03/96
	6,084,631	07/04/2000	Tonkin, et al.	248	212	04/02/97
	6,095,661	08/01/2000	Lebens, G.A., et al.	362	184	03/19/98

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**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	0638801	02/15/1995	European	G01N	21/88		
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## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

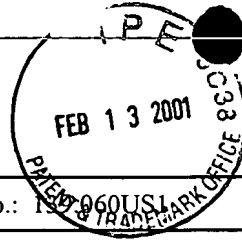
**Examiner Initial		
-	"About Boulder Nonlinear Systems", Boulder Nonlinear Systems, Inc., <a href="http://www.bnonlinear.com/AboutBNS.htm">http://www.bnonlinear.com/AboutBNS.htm</a> , pp. 1-4, (2000)	
✓	Bains, S., "Advance said to hold promise for wavelength-division multiplexing--Device steers white light through wide angles", <u>EE Times</u> , Issue 1060; Section: Technology; <a href="http://www.techweb.com/se/directlink.cgi?EET19990510S0046">http://www.techweb.com/se/directlink.cgi?EET19990510S0046</a> , 4 pages, (May 10, 1999)	
✓	Bains, S., "Device steers white light through wide angles", <u>EE Times</u> , pp. 1-2, (1999)	
✓	Ballard, D.H., "Generalizing the Hough Transform to Detect Arbitrary Shapes", <u>Pattern Recognition</u> , 13(2), Pergamon Press, pp. 183-194, (1981)	
✓	Davies, E.R., <u>Machine Vision: Theory, Algorithms, Practicalities</u> , 2nd Edition, Academic Press, San Diego, pp. 195-210, (1997)	
✓	Uber, G.T., "Illumination Methods for Machine Vision", <u>SPIE Vol. 728 Optics, Illumination, and Image Sensing for Machine Vision</u> , pp. 93-102, (1986)	

Examiner

Date Considered

\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Form 1449*	Atty. Docket No.: 132-960US1	Serial No. 09/612,763
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Gary A. Lebens	
	Filing Date: July 10, 2000	Group: 2721

OTHER DOCUMENTS

\*\*Examiner  
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

- Yang, H.S., et al., "Determination of the Identity, Position and Orientation of the Topmost Object in a Pile: Some Further Experiments", IEEE International Conference on Robotics and Automation, 1, San Francisco. CA, 293-298, (1986)

Examiner	Date Considered
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